Atty. Docket No.: 3050-004	Application No.: 10/820,638
Applicant: Dunstan et al.	
Filing Date: April 8, 2004	Group Art Unit: Unassigned

U.S. PATENT DOCUMENTS

Examiner Initial*		Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
		4,310,400	1/12/82	Mark, Jr., et al.	204	195 M	
		5,552,241	9/3/96	Mamantov, et al.	429	103	
		5,827,602	10/27/98	Koch, et al.	429	194	
		5,589,291	12/31/96	Carlin, et al.	429	103	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation Yes or No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Koch, et al., *The Intrinsic Anodic Stability of Several Anions Comprising Solvent-Free Ionic Liquids*, J. Electrochem. Soc., Vol. 143, No. 3 (March 1996)
	Lipsztajn, et al., *Electrochemical Reduction of N-(1-Butyl)Pyridinium Cation In 1-Methyl-3-Ethylimidazolium Chloride-Aluminium Chloride Ambient Temperature Ionic Liquids*, Electrochemica Acta, Vol. 29, No. 10, pp 1349-1352, (1984) (no month)
	Fannin, Jr., et al., *Properties of 1,3-Dialkylimidazolium Chloride-Aluminum Chloride Ionic Liquids. 2. Phase Transitions, Densities, Electrical Conductivities, and Viscosities*, J. Phys. Chem, 88, 2614-2621 (1984) (no month)
	Suarez, et al., *The Use Of New Ionic Liquids in Two-Phase Catalytic Hydrogenation Reaction By Rhodium Complexes*, Polyhedron, Vol. 15, No. 7, pp. 1217-1219 (1996) (no month)
	Suarez, et al., *Enlarged electrochemical window in dialkyl-imidazolium cation based room-temperature air and water-stable molten salts*, Electrochimica Acta, Vol. 42, No. 16, pp. 2533-2535 (1997) (no month)
	Wilkes, et al., *Air and Water Stable 1-Ethyl-3-methylimidazolium Based Ionic Liquids*, J. Chem Soc., Chem. Commun., pp. 965-966 (1992) (no month)
	Gifford, et al., *A Substituted Imidazolium Chloroaluminate Molten Salt Possessing an Increased Electrochemical Window*, J. Electrochem. Soc., Vol. 134, No.3, pp. 610-614 (March 1987)
	Niyazymbetov, et al., *Electrochemical Oxidation of Nitroazole Anions*, translated from Izvestiya Akademii Nauk SSSR, Seriya Khimicheskaya, No. 10, pp. 2390-2391, published by Plenum Publishing Corp., (October, 1987)
	Bonhote, et al., *Hydrophobic, Highly Conductive Ambient-Temperature Molten Salts*, Inorg. Chem. Vol., 35, pp. 1168-1178 (1996) (no month)
	Scordilis-Kelley, et al., *Alkali Metal Reduction Potentials Measured in Chloroaluminate Ambient-Temperature Molten Salts*, J. Electrochem. Soc., Vol. 139, No. 3, pp. 694-699. (March 1992).
	Melton, et al., *Electrochemical Studies of Sodium Chloride as a Lewis Buffer for Room Temperature Chloroaluminate Molten Salts*, J. Electrochem. Soc., Vol. 137, pp. 3865-3869. (December 1990)

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.M./

	Fuller, et al. *Structure of 1-Ethyl-3-methylimidazolium Hexafluorophosphate: Model for Room Temperature Molten Salts*, J. Chem. Soc., Chem. Commun., pp. 299-300. (1994) (no month)
	Fuller, et al., *The Room Temperature Ionic Liquid 1-Ethyl-3-methylimidazolium Tetrafluoroborate: Electrochemical Couples and Physical Properties*, J. Electrochem. Soc., Vol. 144, No. 11, pp. 3881-3886. (November 1997).
	Carlin, et al., *Dual Intercalating Molten Electrolyte Batteries*, J. Electrochem. Soc., Vol. 141, No. 7, pp. L73-L76. (July 1994).
	Carlin, et al., *Reversible Lithium-Graphite Anodes in Room-Temperature Chloroaluminate Melts*, J. Electrochem. Soc., Vol. 141, No. 3, pp. L21-L22. (March 1994).
	Scordilis-Kelley, et al., *Stability and Electrochemistry of Lithium in Room Temperature Chloroaluminate Molten Salts*, J. Electrochem. Soc., Vol. 141, No. 4, pp. 873-875. (April 1994).
	Fuller, et al. *In Situ Optical Microscopy Investigations of Lithium and Sodium Film Formation in Buffered Room Temperature Molten Salts*, J. Electrochem. Soc., Vol. 143, No. 7, pp. L145-L147. (July 1996).
	Koch, et al., *The Interfacial Stability of Li with Two New Solvent-Free Ionic Liquids: 1,2-Dimethyl-3-propylimidazolium Imide and Methide*, J. Electrochem. Soc., Vol. 142, No. 7, pp. L116-L118. (July 1995)
	Caja, et al., *Room Temperature Molten Salts (Ionic Liquids) as Electrolytes in Rechargeable Lithium Batteries*, published in SAE Aerospace Power Systems Conference (April 6-8, 1999), Mesa, Arizona, pp. 217-222.

Examiner	/John Maples/	Date Considered	05/15/2009

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.M./